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**NUMBER OF PAGES (Including Cover Page): 10**

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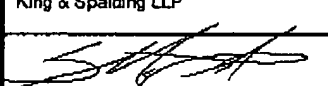
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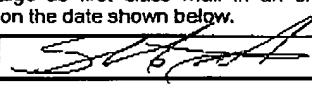
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<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/754,456	<b>RECEIVED CENTRAL FAX CENTER APR 17 2008</b>
	Filing Date	January 9, 2004	
	First Named Inventor	Kary B. Mullis	
	Art Unit	1644	
	Examiner Name	David A. Saunders	
Total Number of Pages in This Submission	9	Attorney Docket Number	13139-0104CIP (13721.105006)

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
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Date	April 17, 2008	Reg. No.	60,401

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Typed or printed name	Stephen C. MacDonald, Ph.D.	Date	April 17, 2008

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Attorney Docket No. 13139-0104CIP (13721.105006)

## PATENTS

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )

Kary B. Mullis )

Application No. 10/754,456 )

Filing Date: January 9, 2004 )

Title: Chemically Programmable Immunity )

Art Unit: 1644

Examiner: David A. Saunders

Confirmation No. 7994

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AMENDMENT AND RESPONSE TO OFFICE ACTION

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Mail Stop Amendment  
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Sir:

Applicant responds to the Office Action dated April 1, 2008. Please enter the following amendment and consider the following remarks.

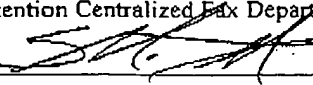
**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 6 of this paper.

**Conclusion** begins on page 8 of this paper.

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